

Projects

Research initiation project

IDENTIFICATION

CODE : TC-3-S2-EC-PTIR
ECTS : 3.0

HOURS

Lectures : 2.0 h
Seminars : 0.0 h
Laboratory : 0.0 h
Project : 20.0 h
Teacher-student
contact : 22.0 h
Personal work : 0.0 h
Total : 22.0 h

ASSESSMENT METHOD

TEACHING AIDS

TEACHING LANGUAGE

French

CONTACT

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AIMS

This EC is part of the teaching unit Research and Engineering Project (TC-3-S2-PR1) and contributes to the following skills:

A6 Communicate an analysis or a scientific approach with scenarios adapted to their specialty
Capacity: To join a research team
Capacity: Work in a group (with 4 other students)
Capacity: Conduct individual work as part of a group project
Capacity: Synthetic and regular presentation, orally, of his works
Capacity: Writing a state of the art
Capacity: Writing a synthesis report of a research initiation activity
Knowledge: State of the art of a current topic in research
Knowledge: Methodology for a bibliographic study
Knowledge: Methodology to carry out research work (theoretical or experimental).

B3 Interact with others, work in a team
B2 Work, learn, evolve autonomously
A4 Design a system that meets a set of specifications
A3 Implement an experimental approach
C1 Specify, design and model transmission and signal / image / data processing systems
C3 Specify, design and model algorithms and computer programs
B1 To know oneself, to manage oneself physically and mentally
B4 Show creativity, innovate, undertake

In addition, it requires the following skills:

A1 Analyze a real or virtual system (or problem)
A6 Communicate an analysis or a scientific approach with scenarios adapted to their specialty
B5 Act responsibly in a complex world
B6 Situate, work, evolve in a company, a socio-productive organization